

## CDR32BX103BKSS-T&R

Aliases (C1206N103K1XSH7189, CDR32BX103BKWS-T&R)  
SMD Mil PRF55681, Ceramic, 0.01 uF, 10%, 100 VDC, BX, Ceramic Chips,  
MIL PRF 55681 Established Reliability, S (0.001%/1000 Hrs), 1206 / 3216



Click [here](#) for the 3D model.

### General Information

|                         |  |
|-------------------------|--|
| Series                  | SMD Mil PRF55681   |
| Style                   | SMD Chip   |
| Description             | Ceramic Chips, MIL PRF 55681<br>Established Reliability  |
| RoHS                    | No   |
| Prop 65                 | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| SCIP Number             | 6d5c4aea-4874-4964-b195-433620b8c028   |
| Termination             | Lead (SnPb)  |
| Failure Rate            | S (0.001%/1000 Hrs)  |
| Testing and Reliability | MIL-PRF-55681  |
| Qualifications          | MIL-PRF-55681  |
| Shelf Life              | 78 Weeks   |
| MSL                     | 1  |

### Dimensions

|                      |                 |
|----------------------|-----------------|
| L                    | 3.2mm +/-0.20mm |
| W                    | 1.6mm +/-0.2mm  |
| T                    | 1.3mm MAX       |
| B                    | 0.5mm +/-0.20mm |
| Case Code (EIA / mm) | 1206 / 3216     |

### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 178mm, Plastic Tape |
| Packaging Quantity | 2500                     |

### Specifications

|                                 |            |
|---------------------------------|------------|
| Capacitance                     | 0.01 uF    |
| Tolerance                       | 10%        |
| Voltage DC                      | 100 VDC    |
| Dielectric Withstanding Voltage | 250 VDC    |
| Temperature Range               | -55/+125°C |
| Temp. Coefficient               | BX         |
| Dissipation Factor              | 2.5%       |
| Insulation Resistance           | 100 GOhms  |

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